

Gage County Nebraska EMS Assessment

Presented to Gage County Board of
Supervisors September 12, 2007

Process

- SafeTech Solutions Engagement
- Meeting With Steering Committee
- Key Informant Interviews
- Agency Self Assessments
- County Consensus Scoring
- Report Development
- Final Report

System Components

- Integration of Health Services
- EMS Research
- Legislation and Regulation
- System Finance
- Human Resources
- Medical Direction
- Education Systems
- Public Education
- Prevention
- Public Access
- Communication Systems
- Clinical Care
- Information Systems
- Evaluation
- Mass Casualty

BIS Tool

- Developed in Colorado
 - Trauma BIS
 - Public Health Model
- Colorado Multi-County Region
- Washington CAH Service Area
- Gage County

Gage County Goals

- 45 Goals
 - 15 Benchmarks
 - 3 Indicators
 - Logical Flow
- 12-18 Months - Reassess

Recommendations

- Gage County Board of Supervisors
- Rescue Squads
- Others

County Board Recommendations

- EMS Taxing District
- EMS Council
- Rescue Squad Contracts
- Public Health Contract
- Communication Issues
- Helipad

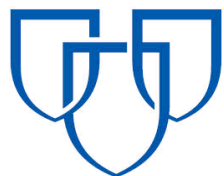
Taxing District

- Paramedic Placement
 - Existing level of care threat
 - Adams RHC
 - Clinic Hours M-F
 - Cortland Fire & EMS
 - Wymore RHC
 - Clinic Hours M-F
 - Wymore Rescue
 - Future - CHS

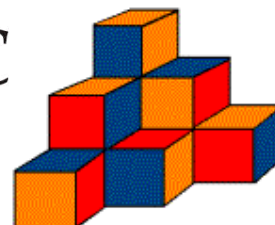
Taxing District

- Provide critical funding for:
 - 0.25 time countywide medical director
 - Employee, not contractor
 - County insurance, tort protection
 - Modify Dispatch Contract
 - Pre-arrival instructions

Community Healthcare and Emergency Cooperative



MAYO CLINIC
Medical Transport



North Central
EMS Institute

Community Health Specialist

- Emergency Care
- Public Health
- Primary Care
- Disease Management
- Mental Health
- Nova Scotia Results – 5 Year Study
 - 40% decrease in ER visits
 - 28% decrease in clinic visits

Paramedic Timing

- Research taxing district
- Create taxing district
- Hire personnel
- CHS curriculum

EMS Council

- Written plan
- Research drives training – monitor QA
 - BCHHC Skills Fair
- Standardized licensure notebooks
- Standardized recruitment & retention
 - Employee & volunteer survey
- Standardized personnel policies
- PIER plan
 - Outcome measures as input
 - Public health input

EMS Council

- Coordinate wellness & prevention
 - BCHHC
 - BCHHC Foundation
 - PHS
- Communications subcommittee
 - Communications plan
- Rescue squad reassessments
- Strategic planning resources
- Mutual Aid Plan

Rescue Squad Contracts

- Change from service-based to performance-based
- Each squad meet quarterly with GCBOS
- Report standardized results

Standardized Reports

- Electronic e-NARSIS reporting
- Contents
 - Responses
 - Transports
 - Response times
 - Calls by type (medical, cardiac, trauma, stroke)
 - Number of personnel
 - Subsidy Uses
 - Training

Call & Crew Information

Gage County Rescue Squad

	2006	2007	1Q07	2Q07	3Q07	4Q07
Responses	48	31	14	17	0	0
Medical Calls	25	13	7	6		
Cardiac Calls	15	9	3	6		
Trauma Calls	5	7	4	3		
Stroke Calls	3	2	0	2		
Active Crew Members	15	14	17			

Transport & Time

		2007	1Q07	2Q07	3Q07	4Q07
Transports	40	21	9	12	0	0
Medical Calls	19	8	5	3		
Cardiac Calls	15	8	4	4		
Trauma Calls	3	4	1	3		
Stroke Calls	3	2	0	2		
Response Time						
Crew	3	2	3			
To Scene	7	8	5			

Outcome Measures

Gage County Rescue Squad

	2006	2007	1Q07	2Q07	3Q07	4Q07
Symptom Onset	35	23	30	17		
Call Time to Patient Side	11	14	16	12		
Oxygen Administration	95%	97%	95%	99%		
Oxygen Time	3	4	4	3		
Accuracy	89%	96%	94%	97%		
EKG						
Defib Time	2	2	3	1		

Subsidy Uses

Gage County Rescue Squad

	2006	2007	1Q07	2Q07	3Q07	4Q07
Subsidy	\$16,000	\$ 9,000	\$ 4,000	\$ 5,000	\$	\$
Training	\$ 5,000	\$ 4,000	\$	\$ 4,000	\$	\$
Continuing Education	\$ 5,000	\$	\$	\$	\$	\$
Supplies	\$ 1,000	\$ 500	\$	\$ 500	\$	\$
Billing Contract	\$ 1,500	\$ 500	\$	\$ 500	\$	\$
Equipment	\$ 3,500	\$ 4,000	\$ 4,000	\$	\$	\$

Training

Gage County Rescue Squad

	2006	2007	1Q07	2Q07	3Q07	4Q07
Personnel Trained	41	4	0	4	0	0
EMT Course	4	4	0	4	0	0
Continuing Ed	14	0	0	0	0	0
Skills Fair	18	0	0	0	0	0
Conference	5	0	0	0	0	0

Public Health Contract

- Require EMS Council participation
 - Planning Inputs
 - First outcome measure
 - Wellness & Prevention activity planning

Communication Issues

- Emergency Manager
 - Lancaster county radio patch
 - Coverage gaps
 - Assign helicopter primary and backup channels
- Marshall County, KS

Helipad

- Assure helipad at new hospital
 - Issue bonds if necessary

Other

- Emergency Manager
 - Controls
 - Training web site
 - Maintain preparedness activities
 - Take responsibility of NIMS

Rescue Squads

- Attend DHHS sponsored budget workshop in December
- Group purchasing
- Use free R&R resources
- Address training hours with college
- Post training on county & state web
- Engage in public education & wellness
 - Partner with DHHS, AHEC & Medical Society

City Councils

- Encourage city worker EMTs
- Support rescue squad budget requests
 - local tax breaks
 - municipal service discounts
 - public retirement plans
 - free training
 - paid National Registry exams
 - reimbursed conference travel
 - free clothing (patches, hats, jackets, and T-shirts)
 - paid subscriptions to EMS trade journals

BCHHC Foundation

- Sponsor law enforcement & public access AEDs
- Participate in public education process

BCHHC

- Consider evolving relationship with BRS

Questions

